



## COLORADO

Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

1313 Sherman Street, Room 215  
Denver, CO 80203

February 5, 2015

Ms. Cinna Vallejos  
Region 8 Ecosystems Protection &  
Remediation  
Program Support Office  
1595 Wynkoop Street  
Denver, Colorado 80202-1129

RE: Grant Application for Upper Animas Watershed Mines - Red and Bonita Mine

Dear Ms. Vallejos:

Enclosed is the Colorado Division of Reclamation, Mining and Safety's grant application for the project titled "Upper Animas Watershed Mines - Red and Bonita Mine."

Please let us know if you have any questions during the review.

Thank you.

Sincerely,

Kimberly Seymour  
Grants Officer

cc:

Steve Way, EPA  
Bruce Stover, DRMS  
Steve Renner, DRMS  
Allen Sorenson, DRMS



## Application for Federal Assistance SF-424

\* 1. Type of Submission:

Preapplication  
 Application  
 Changed/Corrected Application

\* 2. Type of Application:

New  
 Continuation  
 Revision

\* If Revision, select appropriate letter(s):

A  
 B  
 C

\* Other (Specify):

\* 3. Date Received:

02/05/2015

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

## 8. APPLICANT INFORMATION:

\* a. Legal Name: Natural Resources, CO Dept of

\* b. Employer/Taxpayer Identification Number (EIN/TIN):

840644739

\* c. Organizational DUNS:

8790158990000

d. Address:

\* Street1: 1313 Sherman Street

Street2: Suite 215

\* City: Denver

County/Parish:

\* State: CO: Colorado

Province:

\* Country: USA: UNITED STATES

\* Zip / Postal Code: 80203-2243

e. Organizational Unit:

Department Name:

Natural Resources, CO Dept of

Division Name:

Reclamation, Mining &amp; Safety

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:  \* First Name: KimberlyMiddle Name: 

\* Last Name: Seymour

Suffix: 

Title: Grants Officer

Organizational Affiliation:

Reclamation, Mining &amp; Safety

\* Telephone Number: 303-866-3567 xt. 8141 Fax Number: 303-832-8106

\* Email: kimberly.seymour@state.co.us

## Application for Federal Assistance SF-424

\* 9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

\* 10. Name of Federal Agency:

US Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.802

CFDA Title:

Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements

\* 12. Funding Opportunity Number:

N/A

\* Title:

N/A

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

San Juan County

Add Attachment

Delete Attachment

View Attachment

\* 15. Descriptive Title of Applicant's Project:

The project funded under this cooperative agreement provides technical engineering support for a water impounding concrete bulkhead to be installed in the Red and Bonita Mine during 2015.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

## Application for Federal Assistance SF-424

### 16. Congressional Districts Of:

\* a. Applicant

\* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

### 17. Proposed Project:

\* a. Start Date:

\* b. End Date:

### 18. Estimated Funding (\$):

* a. Federal	<input type="text" value="25,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="25,000.00"/>

### \* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

### \* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)

Yes  No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

\*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

### Authorized Representative:

Prefix:

\* First Name:

Middle Name:

\* Last Name:

Suffix:

\* Title:

\* Telephone Number:

Fax Number:

\* Email:

\* Signature of Authorized Representative:



\* Date Signed:

5/FEBS/13

## BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006  
 Expiration Date: 06/30/2014

## SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements	66.802	\$ [REDACTED]	\$ [REDACTED]	\$ 25,000.00	\$ [REDACTED]	\$ 25,000.00
2.						
3.						
4.						
5. Totals		\$ [REDACTED]	\$ [REDACTED]	\$ 25,000.00	\$ [REDACTED]	\$ 25,000.00

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## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements					
a. Personnel	\$ 18,487.70	\$	\$	\$	\$ 18,487.70
b. Fringe Benefits	4,621.93				4,621.93
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	23,109.63				\$ 23,109.63
j. Indirect Charges	1,890.37				\$ 1,890.37
k. TOTALS (sum of 6i and 6j)	\$ 25,000.00	\$	\$	\$	\$ 25,000.00
7. Program Income	\$	\$	\$	\$	\$

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<b>SECTION C - NON-FEDERAL RESOURCES</b>					
<b>(a) Grant Program</b>	<b>(b) Applicant</b>	<b>(c) State</b>	<b>(d) Other Sources</b>	<b>(e) TOTALS</b>	
8. <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
9. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
10. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
11. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>12. TOTAL (sum of lines 8-11)</b>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
<b>SECTION D - FORECASTED CASH NEEDS</b>					
	<b>Total for 1st Year</b>	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>3rd Quarter</b>	<b>4th Quarter</b>
13. Federal <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
14. Non-Federal <input type="text"/>	\$ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>15. TOTAL (sum of lines 13 and 14)</b>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
<b>SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT</b>					
<b>(a) Grant Program</b>	<b>FUTURE FUNDING PERIODS (YEARS)</b>				
	<b>(b) First</b>	<b>(c) Second</b>	<b>(d) Third</b>	<b>(e) Fourth</b>	
16. <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
17. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
18. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>20. TOTAL (sum of lines 16 - 19)</b>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
<b>SECTION F - OTHER BUDGET INFORMATION</b>					
<b>21. Direct Charges:</b> <input type="text"/>	<b>22. Indirect Charges:</b> <input type="text"/>				
<b>23. Remarks:</b> <input type="text"/>					

## ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

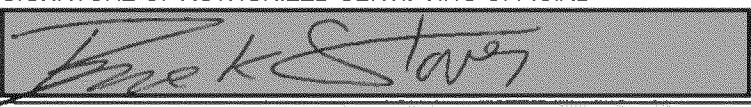
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL		TITLE	
		Director, Active & Inactive Mine Program	
APPLICANT ORGANIZATION		DATE SUBMITTED	
Colorado Division of Reclamation, Mining & Safety		5/1/2015	

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United States  
ENVIRONMENTAL PROTECTION AGENCY  
Washington, DC 20460

OMB Control No. 2030-0020  
Approval expires 06/30/2017

EPA Project Control Number

## CERTIFICATION REGARDING LOBBYING

### CERTIFICATION FOR CONTRACTS, GRANTS, LOANS AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Bruce K. Stover, Director, Active & Inactive Mine Program

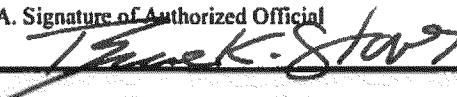
Typed Name & Title of Authorized Representative



Signature and Date of Authorized Representative

The public reporting and recordkeeping burden for this collection of information is estimated to average 15 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

U.S. ENVIRONMENTAL PROTECTION AGENCY  
Washington, DC 20460Preadward Compliance Review Report for  
All Applicants and Recipients Requesting EPA Financial Assistance  
Note: Read instructions on other side before completing form.

I. Applicant/Recipient (Name, Address, State, Zip Code).	DUNS No.	
Natural Resources, Co Dept/ Reclamation, Mining & Safety		879015899
II. Is the applicant currently receiving EPA assistance?		
Yes		
III. List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.)	None	
IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective action taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.)	None	
V. List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))	None	
VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.		
Yes	✓	No
a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b). Yes	No	
b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. § 7.70) applies. Yes	No	
VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its programs or activities? (40 C.F.R. § 5.140 and § 7.95)	✓	Yes
	No	
a. Do the methods of notice accommodate those with impaired vision or hearing? Yes	✓	No
b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? Yes	✓	No
c. Does the notice identify a designated civil rights coordinator? Yes	✓	No
VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. § 7.85(a))	yes	
IX. Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166)	yes	
X. If the applicant/recipient is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator. Skye Brunick, ADA Coordinator, 1313 Sherman St, Ste 415, Denver,	+	
XI. If the applicant/recipient is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet address for, or a copy of, the procedures. <a href="http://dnrwebspint/hr/Pages/default.aspx">http://dnrwebspint/hr/Pages/default.aspx</a>	+	
For the Applicant/Recipient		
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.		
A. Signature of Authorized Official 	B. Title of Authorized Official Director, Active & Inactive Mine	C. Date 5/16/2015
For the U.S. Environmental Protection Agency		
I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.		
A. Signature of Authorized EPA Official See * note on reverse side	B. Title of Authorized EPA Official	C. Date

Upper Animas Watershed Mines - Red and Bonita Mine – Technical Support  
Colorado Department of Natural Resources/Division of Reclamation, Mining & Safety  
Budget for Red and Bonita Mine near the Town of Silverton, San Juan County, Colorado

A. Personnel Computation

Position/Title	Annual Salary	% of time assigned to project	Cost
<b>CBI/Ex. 4</b>			

B. Fringe Benefits

Position.Title	Fringe Benefit Rate	Personnel Cost	Total Fringe Benefit Cost
<b>CBI/Ex. 4</b>			

**Total Personnel & Fringe Benefits      \$23,109.63**

C. Indirect Costs

Indirect Cost Rate	Base Computation	Total Cost
8.18%	\$23,109.63 at 8.18%	\$1,890.37
<b>Total Project Costs</b>	<b>\$25,000.00</b>	

**Upper Animas Watershed Mines - Red and Bonita Mine – Technical Support**  
**Colorado Department of Natural Resources/Division of Reclamation, Mining & Safety**  
**Work Plan for Red and Bonita Mine near the Town of Silverton, San Juan County, Colorado**

The Colorado Division of Reclamation, Mining, and Safety (DRMS) has been tasked by EPA to provide technical engineering support for a water impounding concrete bulkhead to be installed in the Red and Bonita Mine during 2015. Additional work may include DRMS assistance with monitoring and assessing impacts caused by the Red and Bonita bulkhead on the hydrology of the Cement Creek and Upper Animas drainages, particularly related to discharges from vicinity mines.

**Component 1: Red and Bonita bulkhead design.**

**CBI/Ex. 4** (150 work hours): \$8925.00

Output: A complete design and specification package will be prepared for a water impounding concrete bulkhead for the Red and Bonita Mine.

**Component 2: Assist EPA with technical planning associated with underground workings preparations and contractor equipment requirements required to perform bulkhead construction.**

**CBI/Ex. 4** (120.17 work hours): \$7150.00

Output: Office and field engineering support including planning documents and meetings during and after the selection of the bulkhead installation contractor(s).

**Component 3: Construction Phase Inspections**

**CBI/Ex. 4** (150 work hours): \$8925.00

Output: Perform onsite inspections during the construction phase on a periodic basis to evaluate the preparation of the bulkhead site and construction of the bulkhead and provide field engineering support if needed. This work will occur between July and October 2015.

**TOTAL:** \$25,000.00

**Basis for Estimated Costs:**

**CBI/Ex. 4**

**Timelines/Milestones:**

Component 1 completed prior to 3/31/15

Component 2 completed prior to 8/1/15

Component 3 completed prior to 11/30/15

**Progress Reports:**

The project closeout report will be submitted to the Project Officer on or before 3/31/16.

Upper Animas Watershed Mines - Red and Bonita Mine – Technical Support  
Colorado Department of Natural Resources/Division of Reclamation, Mining & Safety  
Biographical Sketch of Key Personnel for Red and Bonita Mine near the Town of Silverton, San Juan  
County, Colorado

**CBI/Ex. 4**



## U.S. ENVIRONMENTAL PROTECTION AGENCY

Washington, DC 20460

## KEY CONTACTS FORM

**Authorized Representative:** *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Bruce K. StoverTitle: Director, Active & Inactive Mine ProgramComplete Address: 1313 Sherman Street, Suite 215, Denver, CO 80203Phone Number: 303-866-3567 xt. 8143

**Payee:** *Individual authorized to accept payments.*

Name: Lei ZhuTitle: Grants Manager, Controller's OfficeMail Address: 1313 Sherman Street, Suite 423, Denver, CO 80203Phone Number: 303-866-3292 xt. 8643

**Administrative Contact:** *Individual from Sponsored Program Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc.)*

Name: Kimberly SeymourTitle: Grants OfficerMailing Address: 1313 Sherman Street, Suite 215, Denver, CO 80203Phone Number: 303-866-3567 xt. 8141FAX Number: 303-832-8106E-Mail Address: kimberly.seymour@state.co.us

**Principal Investigator:** *Individual responsible for the technical completion of the proposed work.*

**CB/Ex. 4**

The public reporting and recordkeeping burden for this collection of information is estimated to average 30 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.